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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/726,316	12/02/2003	Graham C. Charters	GB920020047US1/2798P	3102
29141	7590	06/26/2006	EXAMINER	
SAWYER LAW GROUP LLP			LEWIS, CHERYL RENE A	
P O BOX 51418			ART UNIT	
PALO ALTO, CA 94303			PAPER NUMBER	
			2167	

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/726,316	Applicant(s) CHARTERS, GRAHAM C.	
	Examiner Cheryl Lewis	Art Unit 2167	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-42 are presented for examination.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Drawings

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: Drawing figure 5 does not include a reference to element 240 that is described in the Specification on page 11, line 13 as "the user via suggestion component".

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of

any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Arbo et al. (Pub. No.: US 2004/0093342 A1 filed November 13, 2001, Provisional Application No. 60/301,462 filed June 27, 2001, hereinafter Arbo).

6. Regarding Claims 1, 13, 25, and 37, Arbo teaches a universal data mapping system.

The method and associated system for a universal data mapping system as taught or suggested by Arbo includes:

selecting at least two data structures (figure 2, elements 206 and 208, paragraph 0058, ‘...a plurality of vCard mapping objects 206 (i.e., sometimes also referred to herein as “vCard property mappers 206”), and a PIM specification object 208.’), wherein each of the data structures comprises a plurality of data elements (figure 2, element 206, ‘vCard Property Mapper N’; ‘vCard Property Mapper 2’; ‘vCard Property Mapper 1’;

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'MapToVC ()'; 'MapToUC ()'; 'Set SupportedFields ()', paragraph 0070, '...vCard property mappers 206 having methods for performing the mapping of PIM data in either direction (i.e., MapToUC () and MapToVC...', figure 2, element 208 'PIM Specification Object'; 'MapToVcard ()'; 'MapToUC ()'; 'list<MapperID>Mapping Sequence'; 'map<MapperID, Property Mapper>', paragraphs 0069 and 0070); analyzing previous data mapping definition information to drive a definition of data mapping between the data elements of the at least two data structures (paragraphs 0043, 0072, and 0073); memory for storing a plurality of data structures (paragraphs 0041 and 0042); and an analyzer (figure 1);

7. Regarding Claims 2, 14, 26, and 38, Arbo teaches the previous data mapping definition information comprises user defined information personal information manager data (paragraph 0039, '...(i.e., sometimes also referred to herein as "PIM data", and as "contact information" or "contact data" even though such contact information or contact data, generally, refers to only one form of PIM data). The system architecture 100 comprises a synchronization server system 102, a plurality of client devices 104...').

8. Regarding Claims 3, 15, 27, and 39, Arbo teaches presenting a plurality of possible data mapping definitions for selection (paragraphs 0045 and 0047).

9. Regarding Claims 4, 16, 28, and 40, Arbo teaches prioritizing the plurality of possible data mapping definitions based on at least one predefined rule (abstract, lines 1-18, paragraph 0045, 0048, and 0051-0053).

10. Regarding Claims 5, 17, 29, and 41, Arbo teaches selecting one of the plurality of possible data mapping definitions (paragraph 0053).

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11. Regarding Claims 6, 18, 30, and 42, Arbo teaches prioritizing the plurality of possible data mapping definitions based on the data mapping definition selected (paragraph 0053, 'The UC fields of each group are, typically, arranged according the order in which the eUC fields are to be selected for mapping of vCard property...').

12. Regarding Claims 7, 19, and 31, Arbo teaches a previous data mapping definition between two data structures, one from the first set and one from the second set (paragraphs 0053-0055); a previous data mapping definition between two data structures (paragraphs 0053-0055), one from the first or second and the other from another set (paragraphs 0053-0055); and a previous data mapping definition between two data structures, neither of which come from the first or second set (paragraphs 0053-0055).

13. Regarding Claims 8, 20, and 32, Arbo teaches wherein a plurality of possible data mappings (paragraphs 0053-0055), a previous data mapping definition between two data structures (paragraphs 0053-0055), one from the first set and one from the second set (paragraphs 0053-0055), is ranked more highly than a previous data mapping definition between two data structures (paragraphs 0051-0055), one from the first or second set, and the other from another set (paragraphs 0053-0055).

14. Regarding Claims 9, 21, and 33, Arbo teaches wherein a plurality of possible data mapping definitions (paragraphs 0053-0055), a previous data mapping definition between two data structures (paragraphs 0053-0055), one from the first or second set and the other from another set is ranked more highly than a previous data mapping

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definition between two data structures which do not come from the first or second set (paragraphs 0053-0055).

15. Regarding Claims 10, 22, and 34, Arbo teaches wherein the previous data mapping definition information relates to messages of message sets (paragraph 0043, '...plurality of fields or structures (i.e., sometimes referred to herein as "UC fields") which, preferably, store: mapped contact information such as, for example, a contact's first name, last name, street address, business voice phone number, business facsimile phone number, business email address, home voice phone number, home facsimile phone number, home email address, and mobile phone number')..., paragraph 0050, and 0076).

16. Regarding Claims 11, 23, and 35, Arbo teaches wherein the previous data mapping definition information comprises at least one of a message name to message name definition (paragraph 0043, '...plurality of fields or structures (i.e., sometimes referred to herein as "UC fields") which, preferably, store: mapped contact information such as, for example, a contact's first name, last name, street address, business voice phone number, business facsimile phone number, business email address, home voice phone number, home facsimile phone number, home email address, and mobile phone number')..., paragraph 0050, and 0076).

17. Regarding Claims 12, 24, and 36, Arbo teaches using reverse mapping definition information (paragraph 0074, 'At step 912, the vCard property mapper 206 decides whether any reverse mapping is possible (i.e., in the opposite direction of the

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synchronization session)... populates PIM data in the reverse direction into a field(s) or property...').

NAME OF CONTACT

18. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Cheryl Lewis". The signature is fluid and cursive, with the first name "Cheryl" written in a larger, more prominent script than the last name "Lewis".

Cheryl Lewis
Patent Examiner
June 21, 2006